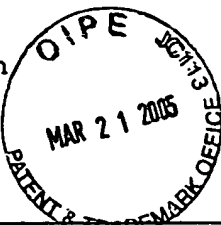


Facsimile of Form PTO-1449 (REV. 6-89)	U.S. Department of Commerce Patent and Trademark Office	ATTORNEY'S DOCKET NUMBER AMME 010	SERIAL NUMBER 613 10/631,511
Information Disclosure Citation (Use Several Sheets If Necessary)		APPLICANT Johnson	
		FILING DATE 3 July 2003	GROUP ART UNIT 3672



U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>[Signature]</i>	4,719,978	01/1988	Klemm	175	113	
	4,840,238	06/1989	Klemm	175	92	
	4,909,323	03/1990	Hastings	166	242	
	5,205,366	04/1993	Klemm	175	390	
	5,255,590	10/1993	Klemm	91	516	
	5,269,107	12/1993	Klemm	52	115	
	5,350,023	09/1994	Klemm	173	17	
<i>[Signature]</i>	5,419,403	05/1995	Klemm	173	115	
<i>[Signature]</i>	6,164,391	12/2000	Murm	175	52	
<i>[Signature]</i>	6,244,360	06/2001	Steinsland	175	52	10/1997
						12/1999
						03/1999

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

<i>[Signature]</i>		New Rigs and Accessories, Water Well Journal, Vol. I, No. 10, Oct. 1996; pp. 33-37.

FOREIGN REFERENCES

Examiner's Initial	Document Number	Country	Inventor-Class/Subclass	Date

Examiner <i>[Signature]</i>	Date Considered 5/27/2005
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AMME 010

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613
10/634,511

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3 July 2003

GROUP ART UNIT
3672

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U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>DM</i>	6,588,509	07/2003	Allyn et al	166	340	04/2002
	6,502,636	01/2003	Chatterji et al	166	293	02/2001
	6,276,438	08/2001	Amerman et al	165	45	
	6,251,179	06/2001	Allan	106	719	03/1999
	6,250,371	06/2001	Amerman et al	165	45	
	6,041,862	03/2000	Amerman	166	290	
	5,752,572	05/1998	Baiden et al	175	26	
	5,765,643	06/1998	Shaaban et al	166	384	
	5,639,184	06/1997	DeMasters	405	156	
	5,590,715	01/1997	Amerman	166	290	
	5,501,287	03/1996	Loeser	175	173	
	5,477,914	12/1995	Rawlings	165	45	
	5,435,395	07/1995	Connell	166	384	
	5,435,387	07/1995	Roberts	166	242	
	5,411,085	05/1995	Moore et al	166	242	
	5,291,956	03/1994	Mueller et al	175	67	
	4,912,941	04/1990	Buchi	62	260	
	4,905,777	03/1990	Spies	175	73	
	4,100,983	07/1978	Herrmann et al	175	383	
	4,006,665	02/1977	Klemm	91	278	
<i>DM</i>	3,249,162	05/1966	Brown	175	96	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

<i>DM</i>	Casing Drilling Making Major Strides, The American Oil & Gas Reporter, April 2002, pp. 87- 89, 91, HRB 605-Me, Hutte & Co., May 2000.
<i>DM</i>	Hydraulic Hammer HB 60A, Krupp Berco Bautechnik, Oct. 2000.
<i>DM</i>	... present throughout the world, Hutte & CO., May 2000.
Examiner <i>DM</i>	Date Considered <i>5/27/2005</i>

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Examiner	Date Considered
<i>Dang</i>	<i>5/27/2005</i>

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		AMME 010	10/631,511 ⁶¹³
		APPLICANT Johnson	
Information Disclosure Citation (Use Several Sheets If Necessary)		FILING DATE	GROUP ART UNIT
		3 July 2003	3672

U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
[Signature]	3,878,686	04/1975	Hageman et al	61	36R	
	4,719,978	01/1988	Klemm	175	113	
	4,840,238	06/1989	Klemm	175	92	
	4,909,323	03/1990	Hastings	166	242	
	5,205,366	04/1993	Klemm	175	390	
	5,255,590	10/1993	Klemm	91	516	
	5,269,107	12/1993	Klemm	52	115	
	5,350,023	09/1994	Klemm	173	17	
	5,419,403	05/1995	Klemm	173	115	
	5,435,387	07/1995	Roberts	166	242	
[Signature]	5,477,914	12/1995	Rawlings	165	45	
	6,164,391	12/2000	Hurm	175	52	
[Signature]	6,244,360	06/2001	Steinsland	175	52	10/1997
[Signature]	6,251,179	06/2001	Allan	106	719	03/1999

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

[Signature]	New Rigs and Accessories, Water Well Journal, Vol. I, No. 10, Oct. 1996; pp. 33-37.
[Signature]	Casing Drilling Making Major Strides, The American Oil & Gas Reporter, April 2002, pp. 87- 89, 91,
[Signature]	Hydraulic Hammer HB 60A, Krupp Berco Bautechnik, Oct. 2000.
[Signature]	... present throughout the world, Hutte & CO., May 2000.

FOREIGN REFERENCES

Examiner's Initial	Document Number	Country	Inventor- Class/Subclass	Date

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3672

U.S. Patents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
JA	4,912,941	04/1990	Buchi	62	260	
MA	5,562,169	10/1996	Barrow	175	56	
SA	6,000,459	12/1999	Jeppesen	165	45	
GA	2003/0010652	01/2003	Hunt	205	742	07/2001

FOREIGN REFERENCES

Examiner's Initial	Document Number	Country	Inventor-Class/Subclass	Date
	DE 3114262	Germany		11/04/1982

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

[illegible]

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AMME 010

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Information Disclosure	Citation

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



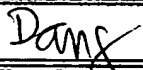

FILING DATE

GROUP ART UNIT

3 July 2003

3672

U.S. Patent Documents

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)	
	New Rigs and Accessories, Water Well Journal, Vol. I, No. 10, Oct. 1996; pp. 33-37.
	Casing Drilling Making Major Strides, The American Oil & Gas Reporter, April 2002, pp. 87- 89, 91, HRB 605-Me, Hutte & Co., May 2000.
	Hydraulic Hammer HB 60A, Krupp Berco Bautechnik, Oct. 2000.
	. . . present throughout the world, Hutte & CO., May 2000.
Examiner 	Date Considered 
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

New Rigs and Accessories, Water Well Journal, Vol. I, No. 10, Oct. 1996; pp. 33-37.

Casing Drilling Making Major Strides, The American Oil & Gas Reporter, April 2002, pp. 87- 89, 91, HRB 605-Me, Hutte & Co., May 2000.

Hydraulic Hammer HB 60A, Krupp Berco Bautechnik, Oct. 2000.

... present throughout the world, Kutte & CO., May 2000.

Examiner

Date Considered

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